

OFFICIAL U.S. EPA CORRESPONDENCE

98134LSKNC32006

~~SHAWN RAJABI~~ JIM BROWN

OR CURRENT ENVIRONMENTAL MANAGER

ALASKAN COPPER WORKS

P.O. BOX 3546

SEATTLE, WA 98124

1999

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U.S. ENVIRONMENTAL PROTECTION AGENCY
TRI PROGRAM DIVISION
WASHINGTON, D.C. 20460

98134LSKNC32006
SHAWN RAJABI OR CURRENT ENVIRONMENTAL MANAGER
ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE, WA 98134

**TOXIC RELEASE INVENTORY
FACILITY DATA PROFILE**

This notice provides information recently submitted by you in your Form R or Form A reports, or corrections included in a response to a previous Facility Data Profile, that we have entered into the Toxic Release Inventory database.

The EPA wishes to accurately represent the data reported by your facility. We believe our data capture process is of high quality. However, as a final quality measure, please verify the data presented in the enclosed Facility Data Profile. This Facility Data Profile serves two primary purposes. First, we want to give you the opportunity to confirm that we have entered your data correctly into our national computer system. If we have not, advise us so we can make corrections. Second, if we identify potential errors in the forms you have submitted, we indicate what these errors are and request that you provide us with corrections.

If the data presented in the enclosed Facility Data Profile do not match those on the form(s) you submitted, or if we have identified errors in your forms, or if you have discovered an error in your submitted data, **please respond within 21 days of receipt of this notice.** If we have identified errors in your submitted data, you must respond with corrections to these errors. **Depending on the severity of the error we have identified, failure to correct errors could result in the issuance of a notice of noncompliance.**

The enclosed Facility Data Profile is comprised of the following sections:

Instruction and Signature page – This first page provides instructions for how to review and respond to this Facility Data Profile.

Facility Information (Primary Facility) - This section displays all facility specific data that you provided, inclusive of TRI Facility Identification, facility name, facility address, facility mailing address, relevant permits (e.g., RCRA, NPDES, and UIC), Standard Industrial Classification code (SIC), and other facility data.

Facility Information (Establishment) - If you have reported as a multi-establishment facility, we are providing these subordinate facility data.

Chemical Summary - This section lists all chemicals reported by your facility for each reporting Year affected by this Facility Data Profile. For example, if this Facility Data Profile is responding to five original chemical submissions for reporting year 1999 and revisions to one chemical for reporting year 1998, a list of all chemicals for both years will appear.

Chemical Reports for this Facility or Establishment - All recently processed Form R or Form A submission data (i.e., chemical specific data) are displayed here under the appropriate facility or subordinate facility names. This Facility Data Profile prints chemical reports for recent submissions, revisions or responses to Facility Data Profile only. Hence there may be fewer chemical reports than chemicals listed in the Chemical Summary section. If only facility level changes have occurred (i.e., Part I of the Form R or A), this section is not provided.

The enclosed Facility Data Profile only covers those Form R or Form A reports which have completed our internal data quality checks. If any new Form R or A reports or revisions submitted by your facility are not covered by the enclosed Facility Data Profile, you will be receiving additional correspondence from us.

Please read and follow the instructions on the first page of the enclosed Facility Data Profile. If you need to respond to the Facility Data Profile, **please respond within 21 days of receipt.**

If you have any questions concerning this notice, please contact the EPCRA Reporting Center at: 703-816-4434 (EPCRA Reporting Center User Support, ask for TRI Mailouts) or e-mail at: tri_mailouts@epcra.org. You may also wish to check EPA's TRI website for TRI information and updates at <http://www.epa.gov/tri/>.

Thank you for your cooperation in this matter.

Sincerely,

/s/ *Bruce Schillo*, Chief

TRI Information and Outreach Branch (MS-2844)

INSTRUCTIONS FOR RESPONDING TO TRI FACILITY DATA PROFILE

1. This Facility Data Profile presents the information you have submitted on the Form R and A reports and that EPA has fully processed. The specific chemicals covered by this Facility Data Profile are shown in the Chemical Summary section.
2. Please review this Facility Data Profile to make sure that EPA has accurately entered your submitted information. If any of the data are incorrect, or you have discovered an error in your submitted data, please circle the incorrect information and indicate the correct information next to it. Please print clearly and use a dark black or blue ink pen. Do not use this response to withdraw a particular Form R or A.
3. If we have identified any potential errors in your submitted data (there will be one or more sections titled Errors Identified), please correct the error by circling the incorrect value and indicate the correct value next to it. Please print clearly and use a dark black or blue pen. If you believe that an error we have identified is really not an error, please provide a brief explanation in the space provided.
4. If you are making any corrections pursuant to the instruction in steps 2 and 3 above, you must sign the certification statement below. Then mail this signed page plus all pages on which you have marked corrections. Do not return pages on which you have neither marked changes nor provided explanations. **Please mail your response within 21 days of receipt of this Facility Data Profile to the address indicated at the bottom of this page and also send a duplicate copy to the same State organization to which you sent a copy of your original submission.** EPA recommends that Government-Owned-Contractor-Operated (GOCO) facilities send copies of their responses to their associated Federal facilities.
5. If you identify no errors in the data presented here and we have identified no errors, no response is necessary.

CERTIFICATION STATEMENT

I certify that I have reviewed the attached pages from the Facility Data Profile, and to the best of my knowledge and belief, the information and any corrections I have made to it are true and complete and that the amounts and values presented are accurate based on reasonable estimates using data available to the preparers of this response.

Name and official Title of Owner/Operator or Senior Management Official (Print)

Signature

Date

RESPONSE ADDRESSES	
Regular Mail: The EPCRA Reporting Center Attn: Facility Data Profile Response P.O. Box 3348 Merrifield, VA 22116-3348	Certified Mail, Overnight Delivery, Hand Delivery: EPCRA Reporting Center (Tel: 703-816-4445) Attn: Facility Data Profile Response C/O Computer Based Systems Inc. 4600 North Fairfax Drive Suite 300 Arlington, VA 22203
And send copy to your state.	

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FACILITY INFORMATION:TRI Facility Identification No: 98134LSKNC32006Internal Use - Facility ID: 37371**Primary Facility Name and Address:**ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE, COUNTY: KING WA 98134**Mailing Address:**ALASKAN COPPER WORKS
P.O. BOX 3546
SEATTLE WA 98124Technical Contact Name: SHAWN RAJABITelephone No: 925-944-9000Public Contact Name: JAMES C. BROWNTelephone No: 206-623-5800Latitude: 047-34-23Longitude: 122-19-29Facility Type (Federal/GOCO/Commercial): COMMERCIALName of Parent Company: ALASKAN COPPER CO. INC.Parent Company Dun & Bradstreet No: 009255571**SIC Code**344334713498NA**Facility Dun &****Bradstreet No**009255571NA**EPCRA****(RCRA No.)**
WAD980738546NA**Facility****NPDES No**NA**Underground Injection****Well Code(s):**NA

CHEMICAL REPORT SUMMARY:

* Data for this chemical report (Form R or A) included in the Chemical Reports section of this FDP

File Number	Document Control Number	CAS No./ Category Code	Chemical/Generic/ Mixture Name	Original Post Mark Date	Post Mark Date	Received Date
Reporting Year : <u>1999</u>						
DD-00-00014093-1	13-99-130-54987-4	N450 *	MANGANESE COMPOUNDS	06-29-2000	06-29-2000	07-03-2000
DD-00-00014093-1	13-99-130-54988-6	N090 *	CHROMIUM COMPOUNDS	06-29-2000	06-29-2000	07-03-2000
DD-00-00014093-1	13-99-130-54989-8	N495 *	NICKEL COMPOUNDS	06-29-2000	06-29-2000	07-03-2000
DD-00-00014093-1	13-99-130-54990-0	7697372 *	NITRIC ACID	06-29-2000	06-29-2000	07-03-2000

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	MANGANESE COMPOUNDS		
Document Control Number	13-99-130-54987-4	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

CHEMICAL REPORTS FOR THIS FACILITY OR ESTABLISHMENT:

PART I:

1.0 Reporting Year: 1999

2.0 Trade Secret Information: 2.1 Trade Secret: NO 2.2 Sanitized: NO

3.0 Certification: Official Name: WILLIAM H. ROSEN Title: MANAGER

Date Signed: 06-30-2000

4.2 This Report Contains Information for: 4.5 SIC Code(s): 3498 - Primary SIC

a. An entire facility: YES

b. Part of a facility: NO

c. A Federal Facility: NO

3443

3471

PART II:

1.0. Toxic Chemical Identity:

1.1. CAS Number or Chemical Category Code: N450

1.2. Toxic Chemical or Chemical Category Name: MANGANESE COMPOUNDS

1.3. Generic Chemical Name: NA

2.0. Mixture Component Identity:

2.1. Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

If Produce or Import:

A. Produce: NO

C. For on-site use/processing: YES

D. For sale/distribution: NO

B. Import: YES

E. As a byproduct: NO

F. As an Impurity: NO

3.2. Process the toxic chemical:

A. As a reactant: NO

B. As a formulation component: NO

C. As an article component: YES

D. Repackaging: NO

3.3. Otherwise use the toxic chemical:

A. As a chemical processing aid: NO

B. As a manufacture aid: NO

C. Ancillary or other use: NO

4.1. Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 05 Range from 100,000 To 999,999 (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions

A. Total Release

B. Basis of Estimate

5.1 FUGITIVE OR NON-POINT AIR EMISSIONS

5

0-OTHER APPROACHES

5.2 STACK OR POINT AIR EMISSIONS

NA

5.3 Discharges to Receiving Streams or Water Bodies
Stream or water body name:

A. Total Release

B. Basis of Estimate

C. % from Stormwater

5.3.1 NA

0.00

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	MANGANESE COMPOUNDS		
Document Control Number	13-99-130-54987-4	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

	A. Total Release	B. Basis of Estimate
Underground Injection/Land Disposal		
5.5.2 LAND TREATMENT / APPLICATION FARMING	NA	
5.5.3 SURFACE IMPOUNDMENT	NA	
5.5.4 OTHER DISPOSAL	NA	
5.4.1 UNDERGROUND INJECTION ON-SITE TO CLASS I WELLS	NA	
5.4.2 UNDERGROUND INJECTION ON-SITE TO CLASS II-V WELLS	NA	
5.5.1A RCRA SUBTITLE C LANDFILLS	NA	
5.5.1B OTHER LANDFILLS	NA	

6.0 Transfers of the Toxic Chemical in Waste to Off-site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers: A

6.1.A.2 Basis of Estimate: O-OTHER APPROACHES

6.1.B.1 POTW NAME: METRO
POTW Address: 821 SECOND AVENUE
City: SEATTLE County: KING State: WA Zip: 98104

6.1.B.2 POTW NAME: NA
POTW Address:
City: County: State: Zip:

6.2 Transfers to Other Off-site Locations

6.2.1 Off-Site EPA Identification Number (EPCRA ID No.) AZD980735500

Off-Site Location Name: WORLD RESOURCES COMPANY

Off-site Address: 8113 WEST SHERMAN

City: PHOENIX State: AZ County: MARICOPA Country: Zip: 85043

Location under control of reporting facility or parent company: NO

	Total Transfers	Basis of Estimate	Type of Waste Treatment/Disposal/ Recycling/Energy Recovery
1	<u>500</u>	<u>M-DATA MONITORING OR MEASUREMENTS</u>	<u>M24-Metals Recovery</u>

7A On-Site Waste Treatment Methods & Efficiency

- 7A.1 a. General Waste Stream: NA
c. Range of Influent Concentration:
d. Waste Treatment Efficiency Estimate(%):
e. Based on Operating Data:
b. Waste Treatment Method Sequence:

7B On-site Energy Recovery Processes

1. NA

7C On-site Recycling Processes

1. NA

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	MANGANESE COMPOUNDS		
Document Control Number	13-99-130-54987-4	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

8.0 Source Reduction & Recycling Activities

	Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
8.1 QUANTITY RELEASED	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>
8.2 QUANTITY USED FOR ENERGY RECOVERY ON-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.3 QUANTITY USED FOR ENERGY RECOVERY OFF-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.4 QUANTITY RECYCLED ON-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.5 QUANTITY RECYCLED OFF-SITE	<u>332</u>	<u>500</u>	<u>400</u>	<u>400</u>
8.6 QUANTITY TREATED ON-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.7 QUANTITY TREATED OFF-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.8 QUANTITY RELEASED AS A RESULT OF REMEDIAL, CATASTROPHIC, OR ONE TIME EVENTS	<u>0</u>			
8.9 PRODUCTION RATIO OR ACTIVITY INDEX	<u>90.00</u>			

8.10 Source Reduction Activities:

Method A

Method B

Method C

8.10.1 W19

T04

8.10.2 W36

T01

8.10.3 W21

T03

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	MANGANESE COMPOUNDS		
Document Control Number	13-99-130-54987-4	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

ERRORS IDENTIFIED IN THIS REPORT

If we indicate in this section that you have provided invalid data, or if you discover that we omitted or inaccurately altered your submitted data please provide corrections in the following manner:

- Correct the error in the space provided in this section
- Mark through the erroneous value in the Facility Information or Chemical Report section and write the correct value next to it
- Attach replacement (Form R/A) pages and any explanatory remarks that might aid us in correcting data for those values we have failed to capture correctly
- If we inform you of a disk processing error, please provide a new disk.

PARAGRAPH: II.7B, 8.2B MULTI PARAGRAPH

ERROR: You reported an estimate in Part II, Section 8.2, column B, "Quantity Used for Energy Recovery On-site," but did not provide an on-site energy recovery code in Part II, Section 7B. Please provide an on-site energy recovery code for Part II, Section 7B.

YOUR CORRECTION:

ERROR: You reported an estimate in Part II, Section 8.4, column B "Quantity Recycled On-site" but did not provide an on-site recycling code in Part II, Section 7C. Please provide an on-site recycling code for Part II, Section 7C.

YOUR CORRECTION:

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	CHROMIUM COMPOUNDS		
Document Control Number	13-99-130-54988-6	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

CHEMICAL REPORTS FOR THIS FACILITY OR ESTABLISHMENT:**PART I:**1.0 Reporting Year: 19992.0 Trade Secret Information: 2.1 Trade Secret: NO 2.2 Sanitized: NO3.0 Certification: Official Name: WILLIAM H. ROSEN Title: MANAGERDate Signed: 06-30-2000

4.2 This Report Contains Information for:

4.5 SIC Code(s): 3498 - Primary SICa. An entire facility: YES3443b. Part of a facility: NO3471c. A Federal Facility: NO**PART II:**

1.0. Toxic Chemical Identity:

1.1. CAS Number or Chemical Category Code: N0901.2. Toxic Chemical or Chemical Category Name: CHROMIUM COMPOUNDS1.3. Generic Chemical Name: NA

2.0. Mixture Component Identity:

2.1. Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

If Produce or Import:

A. Produce: NOC. For on-site use/processing: YESD. For sale/distribution: NOB. Import: YESE. As a byproduct: NOF. As an Impurity: NO

3.2. Process the toxic chemical:

A. As a reactant: NOB. As a formulation component: NOC. As an article component: YESD. Repackaging: NO

3.3. Otherwise use the toxic chemical:

A. As a chemical processing aid: NOB. As a manufacture aid: NOC. Ancillary or other use: NO4.1. Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 05 Range from 100,000 To 999,999 (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions

A. Total
ReleaseB. Basis of
Estimate

5.1 FUGITIVE OR NON-POINT AIR EMISSIONS

150-OTHER APPROACHES

5.2 STACK OR POINT AIR EMISSIONS

NA5.3 Discharges to Receiving Streams or Water Bodies
Stream or water body name:A. Total
ReleaseB. Basis of
EstimateC. % from
Stormwater5.3.1 NA0.00

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	CHROMIUM COMPOUNDS		
Document Control Number	13-99-130-54988-6	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

Underground Injection/Land Disposal		A. Total Release	B. Basis of Estimate
5.5.2	LAND TREATMENT / APPLICATION FARMING	NA	
5.5.3	SURFACE IMPOUNDMENT	NA	
5.5.4	OTHER DISPOSAL	NA	
5.4.1	UNDERGROUND INJECTION ON-SITE TO CLASS I WELLS	NA	
5.4.2	UNDERGROUND INJECTION ON-SITE TO CLASS II-V WELLS	NA	
5.5.1A	RCRA SUBTITLE C LANDFILLS	NA	
5.5.1B	OTHER LANDFILLS	NA	

6.0 Transfers of the Toxic Chemical in Waste to Off-site Locations**6.1 Discharges to Publicly Owned Treatment Works (POTWs)****6.1.A Total Quantity Transferred to POTWs and Basis of Estimate**6.1.A.1 Total Transfers: A6.1.A.2 Basis of Estimate: M-DATA MONITORING OR MEASUREMENTS

6.1.B.1 POTW NAME: METRO
 POTW Address: 821 SECOND AVENUE
 City: SEATTLE County: KING State: WA Zip: 98104

6.2 Transfers to Other Off-site Locations**6.2.1 Off-Site EPA Identification Number (EPCRA ID No.)** AZD980735500Off-Site Location Name: WORLD RESOURCES COMPANYOff-site Address: 8113 WEST SHERMANCity: PHOENIX State: AZ County: MARICOPA Country: Zip: 85043Location under control of reporting facility or parent company: NO

	Total Transfers	Basis of Estimate	Type of Waste Treatment/Disposal/ Recycling/Energy Recovery
1	<u>8020</u>	<u>M-DATA MONITORING OR MEASUREMENTS</u>	<u>M24-Metals Recovery</u>

7A On-Site Waste Treatment Methods & Efficiency

- 7A.1 a. General Waste Stream: NA
 c. Range of Influent Concentration:
 d. Waste Treatment Efficiency Estimate(%):
 e. Based on Operating Data:
 b. Waste Treatment Method Sequence:

7B On-site Energy Recovery Processes1. NA**7C On-site Recycling Processes**1. NA

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	CHROMIUM COMPOUNDS		
Document Control Number	13-99-130-54988-6	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

8.0 Source Reduction & Recycling Activities	Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
8.1 QUANTITY RELEASED	15	15	15	15
8.2 QUANTITY USED FOR ENERGY RECOVERY ON-SITE	0	0	0	0
8.3 QUANTITY USED FOR ENERGY RECOVERY OFF-SITE	0	0	0	0
8.4 QUANTITY RECYCLED ON-SITE	0	0	0	0
8.5 QUANTITY RECYCLED OFF-SITE	7682	8020	10000	10000
8.6 QUANTITY TREATED ON-SITE	0	0	0	0
8.7 QUANTITY TREATED OFF-SITE	0	0	0	0
8.8 QUANTITY RELEASED AS A RESULT OF REMEDIAL, CATASTROPHIC, OR ONE TIME EVENTS	0			
8.9 PRODUCTION RATIO OR ACTIVITY INDEX	90.00			

8.10 Source Reduction Activities:	Method A	Method B	Method C
8.10.1 W19	T04		
8.10.2 W29	T03		
8.10.3 W36	T01		

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	CHROMIUM COMPOUNDS		
Document Control Number	13-99-130-54988-6	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

ERRORS IDENTIFIED IN THIS REPORT

If we indicate in this section that you have provided invalid data, or if you discover that we omitted or inaccurately altered your submitted data please provide corrections in the following manner:

- Correct the error in the space provided in this section
- Mark through the erroneous value in the Facility Information or Chemical Report section and write the correct value next to it
- Attach replacement (Form R/A) pages and any explanatory remarks that might aid us in correcting data for those values we have failed to capture correctly
- If we inform you of a disk processing error, please provide a new disk.

PARAGRAPH: II.7B, 8.2B MULTI PARAGRAPH

ERROR: You reported an estimate in Part II, Section 8.2, column B, "Quantity Used for Energy Recovery On-site," but did not provide an on-site energy recovery code in Part II, Section 7B. Please provide an on-site energy recovery code for Part II, Section 7B.

YOUR CORRECTION:

ERROR: You reported an estimate in Part II, Section 8.4, column B "Quantity Recycled On-site" but did not provide an on-site recycling code in Part II, Section 7C. Please provide an on-site recycling code for Part II, Section 7C.

YOUR CORRECTION:

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	NICKEL COMPOUNDS		
Document Control Number	13-99-130-54989-8	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

CHEMICAL REPORTS FOR THIS FACILITY OR ESTABLISHMENT:

PART I:

1.0 Reporting Year: 1999

2.0 Trade Secret Information: 2.1 Trade Secret: NO 2.2 Sanitized: NO

3.0 Certification: Official Name: WILLIAM H. ROSEN Title: MANAGER

Date Signed: 06-30-2000

4.2 This Report Contains Information for: 4.5 SIC Code(s): 3498 - Primary SIC
a. An entire facility: YES 3443
b. Part of a facility: NO 3471
c. A Federal Facility: NO

PART II:

1.0. Toxic Chemical Identity:

1.1. CAS Number or Chemical Category Code: N495

1.2. Toxic Chemical or Chemical Category Name: NICKEL COMPOUNDS

1.3. Generic Chemical Name: NA

2.0. Mixture Component Identity:

2.1. Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

If Produce or Import:

A. Produce: NO

C. For on-site use/processing: YES

D. For sale/distribution: NO

B. Import: YES

E. As a byproduct: NO

F. As an Impurity: NO

3.2. Process the toxic chemical:

A. As a reactant: NO

B. As a formulation component: NO

C. As an article component: YES

D. Repackaging: NO

3.3. Otherwise use the toxic chemical:

A. As a chemical processing aid: NO

B. As a manufacture aid: NO

C. Ancillary or other use: NO

4.1. Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 05 Range from 100,000 To 999,999 (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions

A. Total Release

B. Basis of Estimate

5.1 FUGITIVE OR NON-POINT AIR EMISSIONS

A

0-OTHER APPROACHES

5.2 STACK OR POINT AIR EMISSIONS

NA

5.3 Discharges to Receiving Streams or Water Bodies
Stream or water body name:

A. Total Release

B. Basis of Estimate

C. % from Stormwater

5.3.1 NA

0.00

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	NICKEL COMPOUNDS		
Document Control Number	13-99-130-54989-8	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

	A. Total Release	B. Basis of Estimate
Underground Injection/Land Disposal		
5.5.2 LAND TREATMENT / APPLICATION FARMING	NA	
5.5.3 SURFACE IMPOUNDMENT	NA	
5.5.4 OTHER DISPOSAL	NA	
5.4.1 UNDERGROUND INJECTION ON-SITE TO CLASS I WELLS	NA	
5.4.2 UNDERGROUND INJECTION ON-SITE TO CLASS II-V WELLS	NA	
5.5.1A RCRA SUBTITLE C LANDFILLS	NA	
5.5.1B OTHER LANDFILLS	NA	

6.0 Transfers of the Toxic Chemical in Waste to Off-site Locations**6.1 Discharges to Publicly Owned Treatment Works (POTWs)****6.1.A Total Quantity Transferred to POTWs and Basis of Estimate**6.1.A.1 Total Transfers: A6.1.A.2 Basis of Estimate: O-OTHER APPROACHES6.1.B.1 POTW NAME: METROPOTW Address: 821 SECOND AVENUECity: SEATTLE County: KING State: WA Zip: 98104**6.2 Transfers to Other Off-site Locations**6.2.1 Off-Site EPA Identification Number (EPCRA ID No.) AZD980735500Off-Site Location Name: WORLD RESOURCES COMPANYOff-site Address: 8113 WEST SHERMANCity: PHOENIX State: AZ County: MARICOPA Country: Zip: 85043Location under control of reporting facility or parent company: NO

	Total Transfers	Basis of Estimate	Type of Waste Treatment/Disposal/ Recycling/Energy Recovery
1	<u>C</u>	<u>M-DATA MONITORING OR MEASUREMENTS</u>	<u>M24-Metals Recovery</u>

7A On-Site Waste Treatment Methods & Efficiency7A.1 a. General Waste Stream: NA

c. Range of Influent Concentration:

d. Waste Treatment Efficiency Estimate(%):

e. Based on Operating Data:

b. Waste Treatment Method Sequence:

7B On-site Energy Recovery Processes1. NA**7C On-site Recycling Processes**1. NA

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	NICKEL COMPOUNDS		
Document Control Number	13-99-130-54989-8	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

8.0 Source Reduction & Recycling Activities	Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
8.1 QUANTITY RELEASED	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>
8.2 QUANTITY USED FOR ENERGY RECOVERY ON-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.3 QUANTITY USED FOR ENERGY RECOVERY OFF-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.4 QUANTITY RECYCLED ON-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.5 QUANTITY RECYCLED OFF-SITE	<u>6331</u>	<u>6100</u>	<u>6000</u>	<u>6000</u>
8.6 QUANTITY TREATED ON-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.7 QUANTITY TREATED OFF-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.8 QUANTITY RELEASED AS A RESULT OF REMEDIAL, CATASTROPHIC, OR ONE TIME EVENTS	<u>0</u>			
8.9 PRODUCTION RATIO OR ACTIVITY INDEX	<u>90.00</u>			

8.10 Source Reduction Activities:	Method A	Method B	Method C
8.10.1 W19	<u>T04</u>		
8.10.2 W29	<u>T03</u>		
8.10.3 W36	<u>T01</u>		

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	NICKEL COMPOUNDS		
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PARAGRAPH: II.7B, 8.2B MULTI PARAGRAPH

ERROR: You reported an estimate in Part II, Section 8.2, column B, "Quantity Used for Energy Recovery On-site," but did not provide an on-site energy recovery code in Part II, Section 7B. Please provide an on-site energy recovery code for Part II, Section 7B.

YOUR CORRECTION:

ERROR: You reported an estimate in Part II, Section 8.4, column B "Quantity Recycled On-site" but did not provide an on-site recycling code in Part II, Section 7C. Please provide an on-site recycling code for Part II, Section 7C.

YOUR CORRECTION:

For Internal Use Only			
TRI Facility ID No	98134LSKNC32006	Reporting Year	1999
Chemical Name	NITRIC ACID		
Document Control Number	13-99-130-54990-0	Post Mark Date	06-29-2000
File Number	DD-00-00014093-1	Received Date	07-03-2000

CHEMICAL REPORTS FOR THIS FACILITY OR ESTABLISHMENT:**PART I:**1.0 Reporting Year: 19992.0 Trade Secret Information: 2.1 Trade Secret: NO 2.2 Sanitized: NO3.0 Certification: Official Name: WILLIAM H. ROSEN Title: MANAGERDate Signed: 06-30-2000

4.2 This Report Contains Information for:

4.5 SIC Code(s): 3498 - Primary SICa. An entire facility: YES3443b. Part of a facility: NO3471c. A Federal Facility: NO**PART II:**

1.0. Toxic Chemical Identity:

1.1. CAS Number or Chemical Category Code: 76973721.2. Toxic Chemical or Chemical Category Name: NITRIC ACID1.3. Generic Chemical Name: NA

2.0. Mixture Component Identity:

2.1. Generic Chemical Name Provided By Supplier: NA

3.0 Activities and Uses of the Toxic Chemical at the Facility:

3.1 Manufacture the toxic chemical:

If Produce or Import:

A. Produce: NOC. For on-site use/processing: NOD. For sale/distribution: NOB. Import: NOE. As a byproduct: NOF. As an Impurity: NO

3.2. Process the toxic chemical:

A. As a reactant: NOB. As a formulation component: NOC. As an article component: NOD. Repackaging: NO

3.3. Otherwise use the toxic chemical:

A. As a chemical processing aid: NOB. As a manufacture aid: YESC. Ancillary or other use: NO4.1. Maximum Amount of the Toxic Chemical On-Site at any Time During the Year: 02 Range from To (lb)

5.0 Quantity of the Toxic Chemical Entering Each Environmental Medium On-site

Air Emissions

A. Total
ReleaseB. Basis of
Estimate

5.1 FUGITIVE OR NON-POINT AIR EMISSIONS

50-OTHER APPROACHES

5.2 STACK OR POINT AIR EMISSIONS

NA5.3 Discharges to Receiving Streams or Water Bodies
Stream or water body name:A. Total
ReleaseB. Basis of
EstimateC. % from
Stormwater5.3.1 NA0.00

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	A. Total Release	B. Basis of Estimate
Underground Injection/Land Disposal		
5.5.2 LAND TREATMENT / APPLICATION FARMING	NA	
5.5.3 SURFACE IMPOUNDMENT	NA	
5.5.4 OTHER DISPOSAL	NA	
5.4.1 UNDERGROUND INJECTION ON-SITE TO CLASS I WELLS	NA	
5.4.2 UNDERGROUND INJECTION ON-SITE TO CLASS II-V WELLS	NA	
5.5.1A RCRA SUBTITLE C LANDFILLS	NA	
5.5.1B OTHER LANDFILLS	NA	

6.0 Transfers of the Toxic Chemical in Waste to Off-site Locations**6.1 Discharges to Publicly Owned Treatment Works (POTWs)****6.1.A Total Quantity Transferred to POTWs and Basis of Estimate**

6.1.A.1 Total Transfers: 0

6.1.A.2 Basis of Estimate: M-DATA MONITORING OR MEASUREMENTS

6.1.B.1 POTW NAME: METRO

POTW Address: 821 SECOND AVENUE

City: SEATTLE County: KING State: WA Zip: 98104

6.2 Transfers to Other Off-site Locations

6.2.1 Off-Site EPA Identification Number (EPCRA ID No.) NA

Off-Site Location Name: NA

Off-site Address:

City: State: County: Country: Zip:

Location under control of reporting facility or parent company:

	Total Transfers	Basis of Estimate	Type of Waste Treatment/Disposal/ Recycling/Energy Recovery
1	NA		

7A On-Site Waste Treatment Methods & Efficiency

7A.1 a. General Waste Stream: W

c. Range of Influent Concentration: 1-GREATER THAN 1 PERCENT

d. Waste Treatment Efficiency Estimate(%): 100.00

e. Based on Operating Data: YES

b. Waste Treatment Method Sequence:

1 C01-CHEMICAL PRECIPITATION - LIME OR SODIUM HYDROXIDE

2 C09-CHEMICAL PRECIPITATION - OTHER

3 C11-NEUTRALIZATION

4 NA

7B On-site Energy Recovery Processes

1. NA

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7C On-site Recycling Processes

1. NA

8.0 Source Reduction & Recycling Activities

	Col. A Prior Year	Col. B Current Year	Col. C Following Year	Col. D Second Following Year
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8.4 QUANTITY RECYCLED ON-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.5 QUANTITY RECYCLED OFF-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.6 QUANTITY TREATED ON-SITE	<u>16400</u>	<u>15600</u>	<u>16000</u>	<u>16000</u>
8.7 QUANTITY TREATED OFF-SITE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8.8 QUANTITY RELEASED AS A RESULT OF REMEDIAL, CATASTROPHIC, OR ONE TIME EVENTS	<u>0</u>			
8.9 PRODUCTION RATIO OR ACTIVITY INDEX	<u>90.00</u>			

8.10 Source Reduction Activities:

Method A

Method B

Method C

8.10.1 NA

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